



Dual Lock Hyperbaric Chamber

The 7200D Series of multiplace chambers are designed for clinical hyperbaric therapy applications including those involving non-saturation decompression exposure. The dual lock design allows for easy access to the chamber, and can be provided with rectangular or round doors per customer requirements.

These chambers are designed for use when space is at a premium but an entry lock is desired.

This is our most economical system as it provides a comfortable patient experience and quality care at an exceptional value.

The 7200D Series is available in two sizes. The 7204D is designed to accommodate 2 adults and 2 children/2 adults for treatment. The 7206D is designed to accommodate 3 adults and 3 children/3 adults for treatment.

Notable features of a PCCI Hyperbaric Systems Dual Lock Multiplace Hyperbaric Chamber

- Rectangular doors with a 30"x 60" (77 cm x 152 cm) opening are available for entry into Entry Lock and Main Lock
- Six PVHO grade windows are provided in main lock for maximum visibility of the chamber interior. Two PVHO grade windows are provided in the entry lock
- External canty or internal LED lights are provided throughout the chamber
- The chamber is equipped with intuitive and easy to use controls
- Designed to have an attractive and efficient interior and exterior
- Our systems provide a quiet and comfortable experience
- Versatile patient seating in fixed, swivel, or fold-able format. Chairs can easily be adjusted along the length of the chamber
- All seat cushions are rated for hyperbaric use and are easy to maintain & clean thus minimizing efforts required for infectious disease control
- Attendant has a convenient jump seat that folds up and out of the way
- Air conditioning & carbon dioxide scrubber is available upon request

Chamber Capacity:

7200 Chamber Series	7204D	7206D
Patients seated, Main Lock	4	6
Patients seated, Entry Lock	1	1
Patients supine, Main Lock	1	1
Attendant seated, Main Lock	1	1
Attendant seated, Entry Lock	1	1

System Performance:

Pressure Capability	up to 3 ATA (30 psig)	up to 3 ATA (30 psig)
Pressure Capability (optional)	up to 6 ATA (73 psig)	up to 6 ATA (73 psig)
Pressurization Rate	0-5 psi/min adjustable	0-5 psi/min adjustable

Chamber Specifications:

Overall Length	15'-6" (409 cm)	17'-6" (409 cm)
Interior Length, Main Lock	11'-0" (335 cm)	13'-0" (335 cm)
Interior Length, Entry Lock	4'-0" (122 cm)	4'-0" (122 cm)
Interior Width	6'-0" (183 cm)	6'-0" (183 cm)
Interior Ceiling Height	5'-8" (173 cm)	5'-8" (173 cm)
Overall Weight @ 3 ATA	Approx. 9,000 lbs	Approx. 11,000 lbs

Hyperbaric System Includes:

Air Pressurization/Depressurization & Ventilation System:

- Air Plant with low maintenance dual oil-less compressors
- Intuitive PLC based or touch screen controls to automatically pressurize and maintain chamber depth at desired ventilation rate
- Manual back-up controls for pressurization, depressurization, ventilation and all other essential safety controls

Built-in Breathing Gas System (BIBS):

- All patient stations support industry standard constant flow mask, hoods and nebulizers. There is no need for expensive demand masks
- "Set-and-forget" controls - BIBS gas flow to the patient can be set while chamber at surface, flow will automatically adjust with the pressure changes in the chamber
- Oxygen supply switches to fail-safe gas automatically in the event the fire suppression system is activated
- System supports high pressure gas manifolds for back-up oxygen, air and specialty gas
- Will operate on a standard 50 psig hospital oxygen supply system

Fire Suppression System:

- Deluge and handline systems are independently operated and designed to comply with NFPA 99 requirements
- Bypass system is installed to test the deluge Fire Suppression System without wetting chamber
- When activated system automatically turns power off to all non-essential electrical devices

Other System Features:

- Gas analysis system that provides real time oxygen levels in both locks
- Wired or wireless primary communications system with back-up sound powered phones
- Equipped with CCTV cameras for providing real time monitoring in both locks
- Optional pass-thru lock provided in main lock
- Optional patient entertainment system, TV & Blu-ray player with BOSE speaker system in main lock
- Optional AC system that runs off building hot & cold water supply
- Support for standard medical suction devices provided in both locks
- All seat cushions are rated for hyperbaric use and are easy to maintain & clean thus minimizing efforts required for infectious disease control

Additional options available on request.

Options may be easily added or removed to improve functionality or meet budget needs.

All PCCI Hyperbaric Systems chambers are designed to fully meet current editions of all applicable codes including:

NFPA 99; "Health Care Facilities" chapter 14 "Hyperbaric Chamber"

ASME PVHO-1; "Safety Standards for Pressure Vessels for Human Occupancy"

Section VIII, Division 1 of "ASME Boiler & Pressure Vessel Code"

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